Funding Opportunities Bulletin
August 2013

This select compilation of funding opportunities is provided by KUCR Proposal Services as a resource for Kansas University Researchers. We encourage you to utilize the campus subscription to PIVOT to find funding opportunities specifically tailored to your research area based on keywords you provide. PIVOT is easy to use and offers other valuable services that are helpful to researchers. Access is available at this site: http://www.pivot.cos.com
If questions regarding PIVOT, please contact Dan Coonfield at dcoonfie@ku.edu or 864-7404.

ANNOUNCEMENT: Based on a recent survey of campus faculty and staff, there will be changes coming soon to the Funding Bulletin. These changes will be geared to make the bulleted more user friendly to our research community.

Click on the links below to go directly to the named section
BUSINESS
EDUCATION
ENGINEERING & COMPUTER SCIENCE
FINE ARTS
HUMANITIES
INTERNATIONAL AREA STUDIES
MEDICINE & LIFE SCIENCES
PHYSICAL SCIENCES & MATHEMATICS
SOCIAL SCIENCES
MULTIPLE DISCIPLINES

Please note that many of the opportunities listed are ANTICIPATED to be funded in FY13.

BUSINESS
See also opportunities listed under MULTIPLE DISCIPLINES

Research Stipends
Center for the Business of Government
Due date: 01 Nov 2013

This grant, established in memory of Helen M. Robinson, may be given annually to support a doctoral student in the early stages of his or her dissertation research. Because Dr. Robinson devoted much of her work to developing a better understanding of instructional interventions, the grant will be used to support dissertation research in this area.

http://www.reading.org/Resources/AwardsandGrants/research_robinson.aspx

Subsidies for Theses
International Association for the Study of Insurance Economics (Geneva Association)
Due date: 30 Nov 2013

The subsidy is granted to authors of university theses already submitted, dealing in depth with a subject in the field of risk and insurance economics.
The program is open to persons who have already submitted an eligible thesis.

https://www.genevaassociation.org/prizes,-awards-and-grants
EDUCATION
See also opportunities listed under MULTIPLE DISCIPLINES

IRA Helen M. Robinson Grant
International Reading Association
Due date: 01 Nov 2013

This grant, established in memory of Helen M. Robinson, may be given annually to support a doctoral student in the early stages of his or her dissertation research. Because Dr. Robinson devoted much of her work to developing a better understanding of instructional interventions, the grant will be used to support dissertation research in this area.

http://www.reading.org/Resources/AwardsandGrants/research_robinson.aspx

US-Japan International Education Administrator Program
Institute of International Education (IIE)
Due date: 01 Nov 2013

This award is for participation in a seminar. The grantees will participate in a two-week group seminar designed to familiarize U.S. higher education administrators with Japan's higher education system, society and culture. Program consists of briefings, campus visits, appointments with selected government officials, cultural activities and meetings with Japanese international education professionals. Applications are sought in all appropriate disciplines. The seminar involves visits to various institutions throughout Japan.

http://catalog.cies.org/viewAward.aspx?n=4105&dc=JA

Grants
Lawrence Foundation
Due date: 01 Nov 2013

The foundation is focused on making grants to support environmental, education, human services and other causes although its interests are fairly diverse and may lead it into other areas on an occasional basis. The foundation does not have any geographic restrictions on its grants.

http://www.thelawrencefoundation.org/grants/

Grants
Reynolds and Reynolds Company Foundation
Due date: 08 Nov 2013

Historically, the Reynolds Foundation has supported a variety of organizations and initiatives in communities where the company operates. The Foundation's continued focus will be in areas that
emphasize the following: - Higher Education that prepares quality students for key roles in the regional communities in which Reynolds has significant presence; - Community based programs when the foundations considers such programs to have exceptional benefit for the community where Reynolds operates or Reynolds associates live and unique positive exposure for Reynolds in the community.

http://www.reyrey.com/company/community/company_foundation-tab2.asp

Education and Outreach Grants Program
Organic Farming Research Foundation
Due date: 19 Nov 2013

OFRF requests proposals that have objectives that are realistically achievable with a modest level of funding. OFRF will not fund a project for more than $15,000 per year. The average grant award in the most recent funding cycle was $10,700. Matching funds from other sources and in-kind contributions from cooperators are encouraged but not required. OFRF is not likely to fund an education/outreach project with a duration of more than one year. OFRF funds can only be used for expenses directly relating to the original education/outreach project. General overhead and operational costs may not be included in the budget proposal. Ordinarily, OFRF will not provide funding for faculty salaries; labor or expenses not directly related to outreach/education activities; permanent equipment; international travel; travel to professional meetings or publication in scientific journals. OFRF requires that successful applicants sign a grant contract before initial payment of the grant award. OFRF will retain 10% of the total grant award until completion of the project, timely submission of a final report by the grantee, and a satisfactory evaluation of the project by OFRF staff. Evaluation involves analyzing whether or not the original project objectives were met, not the success or failure of a project.

http://ofrf.org/research/grants/proposal-information-education-and-outreach-projects

Digital Media and Learning Competition – Research Competition: Research Grants
Gates Foundation, Bill and Melinda
Due date: 28 Nov 2013

Research funds are intended to support the gathering and writing up of findings on novel and effective ways of assessing learning practices, especially learning facilitated by digital media. Work considering the role and effectiveness of badges will be given particular consideration, and badging systems as instruments of assessment though competitive proposals will not be limited to this narrower focus. Studies should focus on areas such as: - Ranking, badging, and achievement systems in games, clubs, competitions, and other forms of interest-driven activities. - Accreditation and certificates outside of formal degree programs, including areas such as work skills training, language, writing, and critical thinking capabilities, arts, crafts, and other trades. - The role of credentials, badges, and other recognitions of achievement in career and reputation development. - Empirical, theoretical, and critical studies of how companies, groups, institutions, and individuals produce, utilize, and exploit various credentialing and reputation systems. The grantee is required to produce one publication, which could be a book, a MacArthur Foundation Digital Media and Learning Report, literature review, or white paper. The grantee will also be
responsible for organizing a workshop or a working group on the topic. Research award winners are expected to attend the Digital Media and Learning Symposium in San Francisco on February 29, 2012, followed by the Digital Media and Learning Conference on March 1-3, 2012, as well as one of the Competition winners meetings, travel costs for which are to be included in the awarded budgets. Grantees are also required to set aside funds for the winners' event to be held in conjunction with the 2013 Digital Media and Learning Conference. Participation at the event is a requirement of the award.

http://dmlcompetition.net/Competition/4/research-competition-announcement.php

ENGINEERING & COMPUTER SCIENCE
See also opportunities listed under MULTIPLE DISCIPLINES

Research Opportunities in Space and Earth Sciences (ROSES) - Outer Planets Research
National Aeronautics and Space Administration
Due date: 01 Nov 2013  (Aug 23, 2013 Letter of Intent)

The Outer Planets Research (OPR) program supports diverse scientific investigations that contribute to the understanding of the outer Solar System, including the giant planets, their satellites, and smaller solid bodies including comets, asteroids, and Kuiper Belt objects. The program includes both data analysis from NASA missions and fundamental research. The objectives of the OPR program include: - enhancing the scientific return from the New Horizons, Cassini, Galileo, Voyager, and Pioneer missions by continuing the analysis of their respective data sets through broadened scientific participation; - improving our understanding of the evolution of the outer Solar System, including the giant planets, their satellites, and other small bodies; and - defining the dynamical processes operating in the outer Solar System. Investigators may propose tasks that involve one or more of the following activities that support the program goals above: - development of basic theory, laboratory studies, and/or modeling relevant to the interpretation of mission data listed above or the evolution and dynamics of giant planets, their satellites, and other small bodies in the outer Solar System; - additional analysis of ground-based observations of asteroids, comets, and outer planets and their satellites funded by the Planetary Astronomy program; - correlative analyses that combine data from the Planetary Science Division's outer planets missions (New Horizons, Cassini, Galileo, Voyager, and Pioneer), the Planetary Astronomy program, and other sources; and/or - research that seeks to place the results of these outer planets missions in a larger context of processes and evolution of bodies in the outer Solar System. Each proposal must describe a complete scientific investigation organized in terms of unresolved scientific questions to be addressed; objectives of the research; lines of inquiry, methodology, and analysis; and conclusions. Tasks involving the refinement of mission datasets or the creation of new data products are appropriate as long as such tasks support a broader scientific investigation driving the proposal. Investigations are expected to result in one or more peer-reviewed publications. Investigations that generate data products useful to the broader scientific community are encouraged to include plans in their proposals to make those products easily available (via the Planetary Data System (PDS) or by other appropriate means) by the end of the funding period. The use of flight mission data in proposed investigations from the New Horizons, Cassini, Galileo, Voyager, and Pioneer missions, which were led by the
Planetary Science Division, is explicitly supported. However, missions led by other divisions of NASA have produced data valuable to the exploration of the Outer Solar System. These missions include, but are not limited to, Ulysses, which has studied Jupiter's magnetosphere, as well as the heliosphere; the Solar and Heliospheric Observatory (SOHO) mission, which has successfully observed dozens of Sun-grazing comets; and the Far Ultraviolet Spectroscopic Explorer (FUSE) mission, which supported research of objects in the outer Solar System (listed under OPR objectives above). Investigators wishing to use data from nonsupported division sources must demonstrate that the inclusion of these data sets significantly enhances tasks supported by OPR (as listed above). Investigators proposing correlative analyses using data from Planetary Science Division missions (New Horizons, Cassini, Galileo, Voyager, and Pioneer) with other mission data sources (Ulysses, SOHO, and FUSE) should clearly describe the rationale driving the use of the data and the source of the data.

[URL]

Innovations Deserving Exploratory Analysis (IDEA) Programs
National Academies
Due date: 01 Nov 2013

IDEA programs fund research into promising but unproven innovations for highways, transportation safety, and transit. The following three IDEA programs are active and receiving proposals: 1. NCHRP Highway IDEA The program seeks proposals with potential to advance the construction, safety, maintenance, and management of highway systems. The program is sponsored by the member states of the American Association of State Highway and Transportation Officials. 2. Transit IDEA The Transit IDEA panel has established four high-priority focus areas to encourage proposals in the following areas: - Increasing transit ridership - Improving transit safety, security, and emergency preparedness - Improving transit capital and operating efficiencies - Protecting the environment and promoting energy independence 3. Safety IDEA The program provides funding for projects that promote innovative approaches to improving railroad safety or performance.

[URL]

National Robotics Initiative (NRI)
National Science Foundation
Due date: 14 Nov 2013

The goal of the NRI program is to accelerate the development and use of robots in the United States that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by multiple agencies of the federal government including the NSF, the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), and the U.S. Department of Agriculture (USDA). The purpose of this program is the development of this next generation of robotics, to advance the
capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Two classes of proposals will be considered in response to this solicitation: 1. Small projects: One or more investigators spanning one to five years. 2. Large projects: Multidisciplinary teams spanning three to five years. As detailed in the solicitation, appropriate scientific areas of investigation may be related to any of the participating funding organizations. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to the appropriate person in the list of agency contacts. Proposals submitted in response to this solicitation may not duplicate or be substantially similar to other proposals concurrently under consideration by other NSF, NASA, NIH or USDA programs or study sections. Duplicate or substantially similar proposals will be returned without review, including those substantially similar to previously declined proposals without revisions to address concerns raised by reviewers.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503641

IEEE Charles LeGeyt Fortescue Graduate Scholarship
Institute of Electrical and Electronics Engineers (IEEE)
Due date: 15 Nov 2013

This scholarship is awarded for one year of full-time graduate work towards a master's in electrical engineering at an engineering school of recognized standing located in the United States.

http://www.ieee.org/about/awards/fortescue.html

FINE ARTS
See also opportunities listed under HUMANITES and MULTIPLE DISCIPLINES

Jane and Morgan Whitney Fellowships
Metropolitan Museum of Art
Due date: 02 Nov 2013

The Metropolitan Museum of Art offers fellowships in art history for Ph.D. candidates, postdoctoral researchers, and senior museum professionals. Predoctoral art history fellows can be asked to assist the hosting curatorial departments with projects that complement their approved scholarly subject. Not all departments request this assistance. Senior fellows are generally expected to spend all of their time on their approved fellowship projects. However, if a senior
fellow would like to contribute a portion of his or her time to the department it is usually welcomed. Fellows may be asked to give gallery talks to the public during their fellowship term and will be expected to participate in a fellows’ colloquia in which they give a twenty-minute presentation on their work in progress. The Jane and Morgan Whitney Fellowships are awarded for study, work, or research to students of the fine arts whose fields are related to the Museum's collections.

http://www.metmuseum.org/research/internships-and-fellowships/fellowships/art-history-fellowships

Robert B. Bailey III Scholarships
Council on International Education Exchange (CIEE)
Due date: 01 Nov 2013

The Robert B. Bailey Scholarship is intended to promote the participation in CIEE programs of individuals or members of groups that have traditionally been underrepresented in study abroad, especially ethnic minority students.

http://www.ciee.org/study-abroad/scholarships/ciee-scholarships/

HUMANITIES
See also opportunities listed under MULTIPLE DISCIPLINES

Julien Mezey Dissertation Award
Association for the Study of Law, Culture and the Humanities (ASLCH)
Due date: 01 Nov 2013

This annual prize is awarded to the dissertation that most promises to enrich and advance interdisciplinary scholarship at the intersection of law, culture and the humanities. The Association seeks the submission of outstanding work from a wide variety of perspectives, including but not limited to law and cultural studies, legal hermeneutics and rhetoric, law and literature, law and psychoanalysis, law and visual studies, legal history, legal theory and jurisprudence.

http://www.law.syr.edu/academics/centers/lch/association_award.html

Early Career Postdoctoral Fellowships in East European Studies
American Council of Learned Societies (ACLS)
Due date: 09 Nov 2013

The ACLS offers support for postdoctoral research and writing in East European studies in all disciplines of the humanities and social sciences. Applications should be for work on Eastern Europe: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Kosovo/a, Latvia, Lithuania, Macedonia, Montenegro, Poland, Romania, Serbia, Slovakia, and Slovenia. Projects must pertain to at least one of the East European countries listed above.
Applicants may propose comparative work considering more than one country of Eastern Europe or relating East European societies to other parts of the world. In awarding these grants, primary considerations are the scholarly merit of the proposal, its importance to the development of the field, and the scholarly potential and accomplishments of the applicant. All proposals should be for scholarly work, the product of which (a written scholarly product such as a book manuscript) is to be disseminated in English. Projects must be in the humanities or social sciences and must investigate aspects of East European societies, histories, and cultures with a special regard for how they illuminate contemporary issues or the necessary background for understanding such issues. (This excludes projects in the natural sciences, mathematics, archaeology, music theory, pure linguistics, and philosophy. However, proposals in such disciplines as the history or sociology of science, music, etc. and sociolinguistics may be eligible, if they address the impact of a given topic on East European societies.) Applications must clearly state a plan of work that can be accomplished during the fellowship period.


INTERNATIONAL AREA STUDIES
See also opportunities listed under HUMANITES and MULTIPLE DISCIPLINES

Individual Advanced Research Opportunities (IARO)
International Research and Exchanges Board (IREX)
Due date: 14 Nov 2013

IARO provides scholars and professionals with long-term support to perform policy-relevant research in the countries of Eastern Europe and Eurasia. Eligible countries of research are Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kosovo, Kyrgyzstan, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

http://www.irex.org/application/individual-advanced-research-opportunities-iaro

Youth Leadership Program With Sub-Saharan Africa
US Department of State
Due date: 26 Nov 2013

The Youth Leadership Program with Sub-Saharan Africa offers eligible youth the opportunity to engage in an intensive, thematic exchange in the United States focusing broadly on the primary themes of civic education, youth leadership development, and community engagement. Youth Leadership Programs are designed to offer an examination of the principles of democracy and civil society as practiced in the United States and provide participants with training that allows them to develop their leadership skills. Participants engage in a variety of activities such as workshops on leadership and service, community site visits related to the program themes and subthemes, interactive training, presentations, visits to high schools, local cultural activities, and other 4 activities designed to achieve the programâ€™s stated goals. Participants live with
American families for the majority of the exchange period. Additional opportunities for participants to interact meaningfully with their American peers must be included. Follow-on activities with the participants are an integral part of the program, as the students apply the knowledge and skills they have acquired by planning service projects in their home communities. The goals of the program are to: 1) Promote mutual understanding between the people of the United States and the people of Africa; 2) Prepare youth leaders to become responsible citizens and contributing members of their communities; and 3) Foster relationships among youth from different ethnic, religious, and national groups. The objectives of the program are for participants to: 1) Demonstrate a better understanding of the elements of a participatory democracy as practiced in the United States; 2) Demonstrate critical thinking and leadership skills; and 3) Demonstrate skill at developing project ideas and planning a course of action to bring the projects to fruition. The primary themes of the program are: 1) Civic Education (Citizen Participation, Grassroots Democracy and Rule of Law); 2) Community Service; and 3) Youth Leadership Development. Applicant organizations must focus on these primary themes and should present a program plan that allows the participants to thoroughly explore civic education in the United States in a creative, memorable, and hands-on way. Using these goals, objectives, and themes, applicant organizations should identify their own specific and measurable outputs and outcomes based on the project specifications provided in this solicitation.

http://exchanges.state.gov/grants/open2.html

Visiting Research Scholar
International Research Center for Japanese Studies
Due date: 30 Nov 2013

The International Research Center for Japanese Studies is one of the constituent institutions of the National Institutes for the Humanities, which was established as an Inter-University Research Institute Corporation under a law effective April 2004. Founded in May 1987 as an inter-university research institute of the Ministry of Education, Culture, Sports, Science and Technology, this Center seeks to promote comprehensive, international, and interdisciplinary research on Japanese culture, and to foster cooperation among researchers in Japanese studies worldwide. In order to broaden and deepen research on Japanese culture and bring together researchers in a variety of specialized fields, the Center regularly appoints a number of scholars from around the world as Visiting Research Scholars. The Center invites applications from scholars who wish to conduct research while in residence here. Visiting Research Scholars are expected to engage in collaborative activity with the Center's permanent faculty by, for example, participating in at least one of our team research projects ("kyōdō kenkyū"). The Visiting Research Scholar will be free to carry out his or her individual research, but must join in at least one team research project. The Visiting Research Scholar will contribute at least one article to either one of the two Nichibunken journals, *Nihon Kenkyū* (in Japanese) or *Japan Review* (in European languages). Submission is expected during the visitor's stay at the Center or within six months of his or her return to his or her home country. The visitor must also submit a report about trends in Japanese Studies in his or her country.

Medical Research Grants
Progeria Research Foundation
Due date: 01 Nov 2013

The primary purpose of PRF in funding medical research through its research grantees is to support its mission to find the cause, treatment, and cure for Hutchinson-Gilford Progeria Syndrome. PRF recognizes that such research may result in discoveries and inventions that have public health, scientific, business, or commercial value. PRF is interested in supporting and promoting science in the public interest and in making any such valuable discoveries and inventions available for public use as early as reasonably possible. Proposals will be accepted in three categories of differing type, funding levels and length of time: - Innovator Awards: The aim of the Innovator Award is to allow an investigator to embark on new lines of investigation, and to produce enough preliminary data to be competitive for longer-term funding by NIH and/or other agencies. - Established Investigator Awards: for senior investigators established either in the field of Progeria or a field that can be directly applied to Progeria. - Specialty Awards: for smaller, more technology-driven projects, e.g., sequencing, screening potential drugs, obtaining cell lines (including IPSCs,) and preparation of antibodies. Hutchinson-Gilford Progeria Syndrome "Progeria" or "HGPS" is a rare, fatal genetic condition characterized by an appearance of accelerated aging in children. Its name is derived from Greek and means "prematurely old." While there are different forms of Progeria, the classic type is Hutchinson-Gilford Progeria Syndrome, which was named after the doctors who first described it in England: in 1886 by Dr. Jonathan Hutchinson, and in 1897 by Dr. Hastings Gilford. Other Progeroid syndromes include Werner's syndrome, also known as "adult progeria" which does not have an onset until the late teen years, with a lifespan into the 40's and 50's.

http://www.progeriaresearch.org/research_funding_opportunities.html

Collaborative Research in Computational Neuroscience (CRCNS)
National Science Foundation
02 Nov 2013

There will be a minimum of $5 million available each year for this competition, with potentially $15 to $20 million annually, depending on the quality of proposals and availability of funds. Award sizes for Research Projects are expected to range from approximately $100,000 to $250,000 per year in direct costs, with durations of three to five years. Most awards will be on the smaller end of this range; no awards will exceed $250,000 per year in direct costs. Proposers are strongly discouraged from requesting greater budgets than are necessary for the activities being proposed. Investigators contemplating four- or five-year projects are advised to discuss
their project requirements with the appropriate agency contact(s) before submitting. Total award sizes for US-German Research Projects (funded in parallel by US and German agencies) are expected to be in the same approximate range of $100,000 to $250,000 per year in direct costs, including the combined costs of all components of the collaborative project, inside and outside of the United States. The durations of these projects are expected to be no greater than three years. Investigators contemplating US-German Research Projects that would require longer durations are advised to discuss their project requirements with the appropriate agency contact(s) before submitting. Awards for Data Sharing Projects will be scaled according to the needs of the project; typically they will be much smaller in size than research awards. Investigators are encouraged to discuss their project requirements with the CRCNS Program Coordinator - NSF before submitting. Estimated program budget, number of awards, and average award size and duration are subject to the availability of funds.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5147

**Bridging the Gap Between Cancer Mechanism and Population Science (U01)**
National Institutes of Health (NIH)
**Due date: 04 Nov 2013**

The purpose of this Funding Opportunity Announcement (FOA) is to encourage applications for projects that bridge biological mechanism to population level scales. By incorporating insights and data from one end of the cancer research spectrum into the framework of the other, projects should be able to cross-validate data gathered at different scales, and explore links between basic biology, population science, and potential health applications in treatment, prevention, diagnosis, and/or screening. Proposed projects should pose a challenging cancer research question that can be addressed by connecting these two ends of the research spectrum that would be difficult to address or explain through biological or epidemiological investigation alone. Only a single cohesive project integrating aspects from these two areas is allowed in each application.

**Components of Participating Organizations** National Cancer Institute (NCI) National Institute on Alcohol Abuse and Alcoholism (NIAAA)


**FY14 NIDA Avant-Garde Award Program for HIV/AIDS Research (DP1)**
National Institutes of Health (NIH)
**Due date: 06 Nov 2013**

The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The term "avant-garde" is used to describe highly innovative approaches that have the potential to be transformative. The proposed research should reflect approaches and ideas that are substantially different from those already being pursued by the investigator or others. In keeping with the priorities described in the FY14 Trans-NIH Research Budget Justification, the NIDA Avant-Garde award supports innovative, basic research that may lead to improved preventive interventions or therapies; creative, new strategies to prevent disease
transmission; novel approaches to improve disease outcomes, and creative approaches to eradicating HIV or improving the lives of those living with HIV.


Climate Program Office for FY 2013
Department of Commerce (DOC)
Due date: 06 Nov 2013

Climate variability and change present society with significant economic, health, safety, and national security challenges. NOAA advances scientific and technical programs to help society cope with, and adapt to, today's variations in climate and to prepare for tomorrow's. Toward this end, the agency conducts and supports climate research, observations, modeling, information management, assessments, interdisciplinary decision support research, outreach, education, and stakeholder partnership development. These investments are key to NOAA's mission of "Science, Service, and Stewardship" and are guided by the agency's vision to create and sustain enhanced resilience in ecosystems, communities, and economies, as described in NOAA's Next Generation Strategic Plan (NGSP). Fostering climate adaptation and mitigation, and, specifically, the development of an informed society anticipating and responding to climate and its impacts - is one of the primary pathways through which NOAA plans to advance its mission. The NGSP outlines NOAA's five-year climate objectives: 1) Improved scientific understanding of the changing climate system and its impacts; 2) Assessments of current and future states of the climate system that identify potential impacts and inform science, service, and stewardship decisions; 3) Mitigation and adaptation choices supported by sustained, reliable, and timely climate services; and 4) A climate-literate public that understands its vulnerabilities to a changing climate and makes informed decisions. NOAA works in partnership with Federal, academic, private, and international research entities, and it places a substantial emphasis on productive partnerships and interactions with decision makers and other stakeholders. Within this context, NOAA's Climate Program Office (CPO) manages competitive research programs through which NOAA funds high-priority climate science, assessments, decision support research, outreach, education, and capacity-building activities designed to advance our understanding of Earth's climate system, and to foster the application of this knowledge in risk management and adaptation efforts. The CPO supports research that is conducted across the United States and internationally. The CPO also provides strategic guidance for the agency's climate science and services programs and supports NOAA's contributions to the U.S. Global Change Research Program (USGCRP) and its National Climate Assessment and similar international endeavors. In seeking to advance the NGSP climate objective of an improved scientific understanding of the changing climate system and its impacts, the CPO supports research that advances core capabilities in (a) understanding and modeling, (b) observing systems, data stewardship, and climate monitoring, (c) predictions and projections, and (d) integrated service development and decision support. These core capabilities are, in turn, intended to advance NOAA's ability to provide sustained, reliable, and timely climate services dealing initially, according to the NGSP, with the following broad, societal challenge areas: (a) climate impacts on water resources, (b) vulnerability of coasts and their resilience to climate impacts, (c) sustainability of marine ecosystems, (d) changes in extremes of weather and climate, and (e) information for mitigating climate change. The CPO, therefore, supports research that
addresses these societal challenges. CPO supports competitive research through four major Programs: Climate Observations and Monitoring (COM); Earth System Science (ESS); Modeling, Analysis, Predictions, and Projections (MAPP); and Climate and Societal Interactions (CSI). Through this Announcement, CPO's Programs are seeking applications for seven individual competitions in FY 2013. The seven competitions covered by this Announcement are as follows: - ESS - Understanding and Improving Prediction of Tropical Convection using Results from the DYNAMO (Dynamics of the Madden-Julian Oscillation) Field Campaign - ESS - Atlantic Meridional Overturning Circulation (AMOC) Mechanisms and Decadal Predictability - ESS - Atmospheric Chemistry, Carbon Cycle, and Climate - MAPP - Research to Advance Climate Reanalysis - MAPP - Research to Advance Climate and Earth System Models - CSI-Sectoral Applications Research Program (SARP) - CSI-Coastal and Ocean Climate Applications (COCA) [Announcements for the following competitions may be released at a later date: (1) Climate Observations and Monitoring, and (2) CSI-Regional Integrated Sciences and Assessments (RISA) teams.

http://www.grants.gov/search/search.do?mode=VIEW&oppId=190933

Research and Education (R&E) Grant Program
US Department of Agriculture
Due date: 09 Nov 2013

SARE stands for Sustainable Agriculture Research and Education, a competitive grants program funded by USDA-NIFA. The North Central Region (NCR) includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. NCR-SARE strengthens rural communities, increases farmer/rancher profitability, and improves the environment by supporting research and education. The Research and Education (R&E) Grant Program is currently one of several NCR-SARE grant programs. The R&E Grant Program provides funds to applicants who are exploring sustainable agriculture through research projects or education/demonstration projects. There are no specific priority areas in the 2012 Call for Preproposals, but preproposals must address issues of sustainable agriculture of current and potential importance to the North Central Region. Successful projects should contribute to the following NCR-SARE broad-based outcomes: improving the profitability of farmers and associated agricultural businesses; sustaining and improving the environmental quality and natural resource base on which agriculture depends; and enhancing the quality of life for farmers/ranchers, rural communities, and society as a whole. Preproposals should clearly explain expected outcomes for the project and how they will assist NCR-SARE in working toward the broad-based outcomes listed above; how project outcomes will be evaluated; and what impact the project will have on farmers/ranchers, rural communities, and society as a whole. Many projects are interdisciplinary and/or multi-institutional, involving a broad range of agricultural interests. Project coordinators in the past have explored sustainable agriculture under the following topics: biocontrol, crop production, education/extension, networking, livestock production, marketing, quality of life, soil quality, value-added marketing, waste management, water quality, and weed control. Some projects are funded exclusively as education or demonstration tools. All projects include outreach. Twenty years of NCR-sponsored publications, videos, workshops, field days, conferences, newsletters, web sites and other
communication vehicles provide an extension of projects beyond the circle of participants. Results are often creatively shared with special audiences.


**PHYSICAL SCIENCES & MATHEMATICS**
See also opportunities listed under MULTIPLE DISCIPLINES

**FY13 Coral Reef Conservation Program Domestic Coral Reef Conservation Grants**
Department of Commerce (DOC)
**Due date: 01 Nov 2013**

These awards are intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in U.S. portions of the Gulf of Mexico. Projects may be proposed in the Northwestern Hawaiian Islands and the U.S. Pacific Remote Island Areas (PRIA), but these locations are not considered geographic priorities under this announcement. Proposals submitted to this competition must address at least one of the following four categories: 1. Fishing Impacts 2. Land-Based Sources of Pollution 3. Climate Change 4. Local and Emerging Management Issues. In FY 2013, the CRCP intends to initiate new awards in the following two funding categories: 1. CRCP State and Territorial Coral Reef Conservation Cooperative Agreements 2. CRCP Domestic Coral Reef Conservation Grants CFDA 11.482

http://www.grants.gov/search/search.do;jsessionid=S5HnQLmKfjBKpJgypBICfrgyNLy8f4bLGxJvbFWsTQbJzvs0CnM!760517813?oppId=183673&mode=VIEW

**Doctoral New Investigator Grants (DNI)**
American Chemical Society (ACS)
**Due date: 02 Nov 2013**

The goals of the fund are (1) the support of fundamental research in the petroleum and energy fields, and (2) development of the next generation of engineers and scientists through support of advanced scientific education. The Doctoral New Investigator (DNI) Grants Program aims to promote the careers of young faculty by supporting research of high scientific caliber, and to enhance the career opportunities of their undergraduate or graduate students (or both), and postdoctoral associates through the research experience. This program replaces the previous PRF Type G grant program. The emphasis of the DNI grants is focused on providing start-up funding for scientists and engineers who are within the first three years of their first academic appointment, those who have limited or no preliminary results for a research project they wish to pursue, with the intention of using the preliminary results obtained to seek continuation funding from other agencies. The DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach. Applicants should note that
fundamental research is required as opposed to applied research or methods development. The DNI Grant Program is designed as a source of funds for young investigators who are developing their own independent research projects. The new investigator must demonstrate to the PRF Program Managers, Advisory Board members, and to the scientific or engineering community of reviewers that the project is an original research direction and is independent of their graduate or postgraduate studies. The DNI Grants Program is seeking investigator-initiated, original research across the spectrum of our mission. Original research is defined as being different from that performed previously by the PI as part of his or her graduate or postdoctoral studies. Excluded from consideration are proposals in which the ideas being presented are a mere extension of research from the PI's graduate or postdoctoral experience. Research projects must be unique. Although a PI may send the same proposal to more than one agency, PRF will not support a project having overlap, or partial overlap, with research funded by another agency.

https://portal.acs.org/portal/acs/corg/memberapp?_nfpb=true&_pageLabel=PP_ARTICLEMAIN&node_id=1251&use_sec=false

Topology
National Science Foundation (NSF)
Due date: 05 Nov 2013

The program supports research on algebraic topology, including homotopy theory, ordinary and extraordinary homology and cohomology, cobordism theory, and K-theory; topological manifolds and cell complexes, fiberings, knots, and links; differential topology and actions of groups of transformations; geometric group theory; and general topology and continua theory.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5551

Expeditions in Training, Research, and Education for Mathematics and Statistics through Quantitative Explorations of Data (EXTREEMS-QED)
National Science Foundation (NSF)
Due date: 06 Nov 2013

The long-range goal of EXTREEMS-QED is to support efforts to educate the next generation of mathematics and statistics undergraduate students to confront new challenges in computational and data-enabled science and engineering (CDS&E). EXTREEMS-QED projects must enhance the knowledge and skills of most, if not all, the institution's mathematics and statistics majors through training that incorporates computational tools for analysis of large data sets and for modeling and simulation of complex systems. Funded activities are expected to: - provide opportunities for undergraduate research and hands-on experiences centered on CDS&E; - result in significant changes to the undergraduate mathematics and statistics curriculum; - have broad institutional support and department-wide commitment that encourage collaborations within and across disciplines; - include professional development activities for faculty or for K-12 teachers; and - where appropriate, leverage and advance the use of existing cyberinfrastructure resources (e.g., data archives, networks) for data exploration. EXTREEMS-QED is a joint effort of the Directorate of Mathematical and Physical Sciences and the Office of Cyberinfrastructure at the
National Science Foundation. The Office of Cyberinfrastructure is interested in supporting educational activities that incorporate cyberinfrastructure considerations at a fundamental level, and in efforts that leverage and advance major NSF investments in cyberinfrastructure. Cyberinfrastructure consists of advanced computing systems, data storage systems, instruments and data repositories, visualization environments, and people, all linked together by software and high performance networks to improve research productivity and enable breakthroughs not otherwise possible.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504765

Center of Excellence (COE) - Center for Explosives Research (CER) - Center Lead
US Department of Homeland Security
Due date: 27 Nov 2013

The DHS Science and Technology Directorate Office of University Programs (OUP) requests applications from United States colleges and universities to serve as a lead institution for a university-based Center of Excellence (COE) focusing on research, education and technology transition in Explosives Research (CER - Lead Institution). This FOA requests applications to serve as a lead institution, i.e., Center Lead. Applicants for lead institution need to include in their application their proposed research projects from their institution and their partner institutions, as well as management, education and transition approaches. This COE will conduct research to enhance the Nation's technical capabilities to prepare for, characterize, and detect threat materials from any terrorist attack involving explosives. The COE will also develop relevant educational curricula for both matriculated students and mid-career professionals. The COE will collaborate with the DHS/S&T Directorate's Explosives Division, which manages a full-spectrum research and development (R&D) program from fundamental research to applied technologies. This COE will provide basic research that will enable development of the technical tools and information that S&T's partners will need in the future. This COE will also participate in the DHS S&T University Network, a consortium of COEs that share resources and data, and collaborate on research projects in order to provide cost-effective results to support DHS' mission. This COE will be a multi-disciplinary university-based research and education Center that will conduct rigorous, innovative and path-breaking explosives-related research. DHS expects this COE to break new theoretical and empirical ground as well as adapt existing approaches to advance knowledge of explosive materials and detection sensors and systems. Research methods proposed under this funding opportunity should be rooted in rigorous science and engineering disciplines. Knowledge generated by this COE's research must be amenable to integration with other detection sensors, sensor systems, and advanced algorithm capabilities as part of security screening systems for multiple mass transit modes and venues. As a whole, the portfolio of proposed projects should generate substantial original and cutting edge research results. This will enable the development of valuable technologies and advanced algorithms for screening system developers and other relevant customers. This COE must assemble interdisciplinary teams that could include mathematicians, chemists, physical scientists or engineers to develop new detection approaches or enabling technologies to counter the explosives-related threats to mass transit modes. DHS expects that this COE will increase the capacity to understand, characterize, and detect explosive threats. In addition, the COE should
have the capacity and intent to design, develop and demonstrate new sensor system concepts. The COE must also develop feasible pathways from research to implementation through government or private sector channels. Finally, DHS expects the COE to develop new and innovative content and learning approaches to enable students to understand and analyze explosive threats and technologies that will be needed by DHS customers in the future. The COE should produce a cadre of well-trained students with the skills the nation needs to better anticipate and counter explosives-related risks. **Research Focus/Themes** 1. Explosives Characterization Research Thrust Area: Research to explore advanced understanding of a range of potential and actual explosives mixtures. DHS is interested in fundamental and applied research in explosives characterization. Respondents should explain how their proposed research activities will be conducted in an unclassified, academic environment and any unique testing or laboratory facilities that will be required to safely conduct the research. 2. Explosives Detection Research Thrust Area: Research that will lead to next-generation explosives detection capabilities or significant improvement in the performance of existing detection systems, for application in various transportation, maritime, border, crowd venue, or other security venues of interest to DHS stakeholders or the Homeland Security Enterprise. DHS is interested in fundamental and applied research in explosives detection. approaches to identify and exploit novel ways to detect concealed explosives and related threat items on persons, in baggage, in vehicles, in cargo containers, and or in public areas. These approaches should take advantage of any signatures related to the chemical or physical detection (bulk or trace) of the explosive materials. DHS is interested in fundamental and applied research in explosives threat identification. 3. ExplosivesSignature Analysis Research Thrust Area: Research that will use innovative approaches to identify and exploit novel ways to detect concealed explosives and related threat items on persons, in baggage, in vehicles, in cargo containers, and or in public areas. These approaches should take advantage of any signatures related to the chemical or physical detection (bulk or trace) of the explosive materials. DHS is interested in fundamental and applied research in explosives threat identification. 4. Engage to Excel (E2E) Thrust Area: E2E is an Office of University Programs (OUP) initiative to encourage more focused transition of academic research from Centers of Excellence (COEs) into practice in DHS components, other federal agencies, or first responder organizations. OUP anticipates that E2E projects would extend from three to five years, would be substantial in scope, and would involve developing partnerships between the COEs and DHS components, other federal agencies, state, local or tribal jurisdictions, or national associations of first responder organizations, and private companies. An E2E project requires dedication by all parties throughout the project's lifetime, early development of a transition/hand-off strategy, and commitment by end users to use results and facilitate partnership activities, such as hosting faculty and students. For the Explosives Research COE recompete, interested respondents should identify one to two projects (approximately 50% of the COE's research budget) that would be initiated in the more structured E2E model or that would be incorporated into the E2E model as early as possible in the research process, based on existing research. 5. Integrated Education Thrust Area: DHS requests an integrated educational and research program across the critical Science, Technology, Engineering and Mathematics (STEM) disciplines.

[http://www.grants.gov/search/search.do?jsessionid=NGhBQ8PQf5rdnX2nyvnY2LvcVyw2YrQLvy2dy5Zd2gFHngH5mbVh11083646803?oppId=195813&mode=VI EW](http://www.grants.gov/search/search.do?jsessionid=NGhBQ8PQf5rdnX2nyvnY2LvcVyw2YrQLvy2dy5Zd2gFHngH5mbVh11083646803?oppId=195813&mode=VI EW)
Graduate Fellowships/Dissertation Support in the Physical Sciences
National Physical Science Consortium (NPSC)
Due date: 30 Nov 2013

The National Physical Science Consortium is a partnership between government agencies and laboratories, industry, and higher education. NPSC's goal is to increase the number of American citizens with graduate degrees in the physical sciences and related engineering fields, emphasizing recruitment of a diverse applicant pool including women and minorities. Though the fields supported can vary annually depending on employer needs, in general NPSC covers the following: astronomy, chemistry, computer science, geology, materials science, mathematical sciences, physics, and their subdisciplines, and related engineering fields (chemical, computer, electrical, environmental, mechanical).

http://www.npsc.org/Applicants/Applicants/fellowshipinfo.html

SOCIAL SCIENCES
See also opportunities listed under HUMANITIES; INTERNATIONAL AREA STUDIES; and MULTIPLE DISCIPLINES

Sustainable Vision Grants
Lemelson Foundation
Due date: 09 Nov 2013

Sustainable Vision grants fund transformational education programs where breakthrough technologies are created and commercialized through entrepreneurial models for the benefit of people living in poverty in the US and abroad. Funds are awarded to US-based colleges and universities and can then be shared with partners (other universities, NGOs, etc.) in the US and abroad. Focus areas include, but are not limited to, health, clean air and water, energy, nutrition, agriculture, IT, and shelter. The grants support enrichment and deepening of ongoing programs by building and strengthening interpersonal and inter-institutional networks, and by creating new initiatives within existing programs. Sustainable Vision grants support programs that apply technology entrepreneurship to address poverty and environmental degradation, and/or meet basic human needs such as (but not limited to) health, clean air and water, energy, nutrition, agriculture, IT, and shelter. The definition of a successful Sustainable Vision grant proposal includes: A. Technology: market-driven affordable technology innovations that meet basic human needs (such as medical devices, mobile phone software for income generation, energy alternatives, etc.) B. Entrepreneurship: economically sustainable business model(s) with proven customer and market needs instead of a philanthropic or aid model. C. Commercial potential: programs that lead to the creation of economically sustainable social ventures (for profit and/or non-profit) with a business model that includes manufacturing, marketing, distribution, and repair (as applicable) D. Education: experiential curricula with measurable objectives and an emphasis on multidisciplinary teams (engineering, science, technology, social science, business, etc.) E. Partners: to support the project from the nonprofit, for profit and/or government sectors,
including collaboration with customers F. Collaborative: Engage beneficiaries of new technologies in their design and development and build upon existing relationships (e.g., historic collaborative or exchange programs between the applicant institution and an institution overseas) G. Replicable and sustainable: models that can be replicated and programs that continue after the grant period ends H. Positive social impact and scale: adoption across communities, regions, and/or nations, and potential for an impact on a global scale - affecting a significant number of people and having a real and measurable impact on the problem being addressed - improving the quality of life for people living in poverty - positive (or neutral) environmental impact

http://nciia.org/grants/sustainablevision

Grants
Kornfeld Foundation, Emily Davie and Joseph S.
Due date: 15 Nov 2013

The foundation's interests cover bioethics, palliative care, medical research and education. The foundation has determined that its strategy going forward will be to make fewer, larger grants that will launch important new initiatives in its fields of interest. It is felt that such support is a very effective way to have long-term sustainable impact and to build partnerships with other funders. Selection criteria for all program areas include - evidence of strong and visionary leadership; - development of new initiatives that are replicable (good models) and sustainable (long-term impact); - creation of new ways to address existing critical issues; - interest in building connections and creative partnerships; - desire to improve and enrich lives of individuals (not institutions); and - original, unusual, dynamic, and focused proposals.

http://foundationcenter.org/grantmaker/kornfeld/procedures.html

Grants
Sociological Initiatives Foundation
Due date: 15 Nov 2013 (concept application due Aug 15)

The Foundation was established to support research that furthers social change, including language learning and behavior and its intersection with social and policy questions. The Foundation specifically supports research that focuses on - social policy; - institutional and educational practices; - legislative and regulatory changes; - linguistic issues (e.g., literacy, language loss and maintenance, language policy, language and national security, bilingualism, language and gender, language and law, language disabilities, language and health, language and education, different language cultures); and - development of community capacity and organization of previously unorganized groups. The Foundation supports projects that address institutional rather than individual or behavioral change. It seeks to fund research and initiatives that provide insight into sociological and linguistic issues that may be useful to specific groups and or communities. The Foundation looks for projects that have an explicit research design and a concrete connection to public or community impact. It is not enough to just write a report or add a focus group to a social change project. The research should ideally build an organization or constituency's potential to expand public knowledge, impact policy, and create social change. Preference is given to providing support in areas that tend to be underfunded and for projects of a
size where a SIF grant can make a difference. No awards are made for dissertation research, honoraria or political purposes. The geographic focus is limited to the United States and its territories.

http://www.sifoundation.org/

**MULTIPLE DISCIPLINES**

**Collaborative Research in Computational Neuroscience (CRCNS)**
National Science Foundation
**Due date: 02 Nov 2013**

Computational neuroscience provides a theoretical foundation and a rich set of technical approaches for understanding complex neurobiological systems, building on the theory, methods, and findings of computer science, neuroscience, and numerous other disciplines. Through the CRCNS program, participating organizations of the National Science Foundation (NSF), the National Institutes of Health (NIH), and the German Federal Ministry of Education and Research (Bundesministerium für Bildung und Forschung, BMBF) support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Three classes of proposals will be considered in response to this solicitation: Research Proposals describing collaborative research projects, U.S.-German Research Proposals describing international collaborative research projects to be funded in parallel by U.S. and German agencies, and Data Sharing Proposals to enable sharing of data and other resources. As detailed in the solicitation, appropriate scientific areas of investigations may be related to any of the participating funding organizations. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to the appropriate person in the list of agency contacts found in section VIII of the solicitation.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5147

**Thomas J. Watson Fellowship**
Thomas J. Watson Foundation
**Due date: 07 Nov 2013**

The mission of the Fellowship Program is to offer college graduates of unusual promise a year of independent, purposeful exploration and travel outside of the United States in order to enhance their capacity for resourcefulness, imagination, openness, and leadership and to foster their humane and effective participation in the world community.

http://www.watsonfellowship.org/site/eligibility/applicationCriteria.html
International Dissertation Research Fellowship (IDRF) Program
Social Science Research Council (SSRC)
Due date: 07 Nov 2013

The IDRF offers nine to twelve months of support to graduate students in the humanities and humanistic social sciences who are enrolled in PhD programs in the United States and conducting dissertation research on non-US topics. The program is open to graduate students in the humanities and social sciences (Art History, Architectural History, Classics, Drama/Theater, Film Studies, Literature, Performance Studies, Philosophy, Political Theory, and Religion) The IDRF competition promotes a range of approaches and research designs beyond single-site or single-country research, including comparative work at the national and regional levels and explicit comparison of cases across time frames. The program is open to proposals informed by a range of methodologies in the humanities and humanistic social sciences, including research in archives and manuscript collections, fieldwork and surveys, or quantitative data collection. Applicants from select disciplines within the humanities are welcome to request three or more months of funding for international on-site dissertation research (in combination with US-based research, for a total of nine to twelve months of funding). All other applicants (for instance, those in Anthropology, Geography, History, Political Science, and Sociology, among others) must request nine to twelve months of on-site, site-specific dissertation research with a minimum of six months of research outside of the United States. The IDRF program will not support study at foreign universities, conference participation, or dissertation write-up.

http://www.ssrc.org/fellowships/idrf-fellowship/

Social-Behavioral Research Grant
American Lung Association (ALA)
Due date: 08 Nov 2013

The objective of the grant is to provide seed monies to junior investigators working on various disciplines of social science examining risk factors affecting lung health including psychosocial lung health research, behavioral lung health research, health services and health policy research, epidemiological and biostatistical lung health research, and public health education research. This grant includes studies concerning the ethical, legal, and economic aspects of health services and policies. The ALA is particularly interested in receiving meritorious applications from individuals working in areas that are aligned with the following mission-related Strategic Planning Goals: eliminate tobacco use and tobacco-related lung diseases; improve the air we breathe so it will not cause or worsen lung disease; and reduce the burden of asthma, COPD, and lung cancer on patients and their families.

http://www.lungusa.org/finding-cures/grant-opportunities/grant-offerings.html

Research on the Role of Epigenetics in Social, Behavioral, Environmental and Biological Relationships, Throughout the Life-Span and Across Generations (R21)
National Institutes of Health (NIH)
This Funding Opportunity Announcement (FOA) encourages exploratory and developmental grant applications to lay the foundation for innovative and collaborative basic research on the role of epigenetics in social, behavioral, environmental and biological relationships, throughout the life-span and across generations. Research plans that are responsive to this FOA will use existing bio-psycho-social and environmental data from human cohorts or animal studies that have biospecimens available for epigenetic profiling. The one year exploratory/developmental awards are expected to generate preliminary data for comprehensive basic research applications to study interactions between epigenetics and social/behavioral/biological/environmental factors in both normal function and pathophysiology throughout life and across generations. The results may ultimately inform research to develop clinical decision/diagnostic tools and prevention/treatment strategies. **Components of Participating Organizations** Fogarty International Center (FIC) National Cancer Institute (NCI) National Eye Institute (NEI) National Heart, Lung, and Blood Institute (NHLBI) National Human Genome Research Institute (NHGRI) National Institute on Aging (NIA) National Institute on Alcohol Abuse and Alcoholism (NIAAA) National Institute of Allergy and Infectious Diseases (NIAID) National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) National Institute of Biomedical Imaging and Bioengineering (NIBIB) Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) National Institute on Deafness and Other Communication Disorders (NIDCD) National Institute of Dental and Craniofacial Research (NIDCR) National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) National Institute on Drug Abuse (NIDA) National Institute of Environmental Health Sciences (NIEHS) National Institute of General Medical Sciences (NIGMS) National Institute of Mental Health (NIMH) National Institute of Neurological Disorders and Stroke (NINDS) National Institute of Nursing Research (NINR) National Institute on Minority Health and Health Disparities (NIMHD) National Library of Medicine (NLM) Fogarty International Center (FIC) National Center for Complementary and Alternative Medicine (NCCAM) National Center for Advancing Translational Sciences (NCATS) Office of Behavioral and Social Sciences Research (OBSSR) Office of Dietary Supplements (ODS) Office of Research on Women's Health (ORWH)


**Start-Up Research Grant/Start-Up Grant Program**
United States – Israel Binational Science Foundation (BSF)

**Due date: 13 Nov 2013**

The Start-Up Grant Program is meant to help newly appointed researchers who are beginning their research careers and may not yet have initial results to show for their work. The program will be implemented within the framework of the usual guidelines for BSF grants, i.e., it must exhibit scientific excellence, have a strong element of cooperation between an Israeli and an American scientist(s), and fall within the areas of research supported in that year by the BSF. A Start-Up Grant is awarded for a distinct research endeavor and may not be used merely to supplement or broaden an ongoing project at the applicants' institutions. The principal investigator must make a substantial commitment to the proposed project. It should be noted that Start-Up Grant applications will be competing for funding together with the regular BSF


**Summer/Short-Term Research Publication Grants**  
American Association of University Women (AAUW)  
**Due date:** 15 Nov 2013

These grants provide support to women scholars to prepare research manuscripts for publication, and independent researchers to prepare research for publication. Time must be available for eight consecutive weeks of final manuscript preparation. All applicants must demonstrate that the support will result in a reduction of their ongoing work-related activities. The grants are not for preliminary research. Activities undertaken during the grant period can include drafting, editing, or modifying manuscripts; replicating research components; responding to issues raised through critical review; and other initiatives to increase the likelihood of publication. It must be an original publication and cannot be co-authored. These grants are part of the American Fellowships, which support women doctoral candidates completing dissertations or scholars seeking funds for postdoctoral research leave from accredited institutions. Candidates are evaluated on the basis of scholarly excellence, the quality and originality of project design, and active commitment to helping women and girls through service in their communities, professions, or fields of research. Preference will be given to applicants whose work supports the vision of AAUW: to break through educational and economic barriers so that all women have a fair chance.

http://www.aauw.org/fga/fellowships_grants/american.cfm